

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HUMAN HAEMOPOIETIC MATURATION FACTOR

the specification of which [] is attached hereto or [X] was filed on 5/16/95 as Application Serial No. 08/442,497 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s):

			Priority Claimed	
			Yes	No
<u>none</u>	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)		
<u> </u>	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)		

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/187,186</u>	<u>January 25, 1994</u>	<u>Pending</u>
(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)
<u> </u>	_____	_____
(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: John N. Bain (Reg. No. 18,651); John G. Gilfillan, III (Reg. No. 22,746); Elliot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); Charles J. Herron (Reg. No. 28,019); William Squire (Reg. No. 25,378); and Gregory Ferraro (Reg. No. 36,134). Address correspondence and telephone calls to: Charles J. Herron, c/o Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 - (201) 994-1700.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Ewen F. Kirkness

Inventor's signature: Ewen F. Kirkness Date: 07/17/95
Residence: 2519 Little Vista Terrace, Olney, MD 20832 Citizenship: Great Britain
Post Office Address: Same

Full name of second joint inventor: Mark D. Adams
Inventor's Signature: Mark D. Adams Date: 7/17/95
Residence: 15205 Dufief Drive, North Potomac, MD 20878 Citizenship: USA
Post Office Address: Same

CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI, STEWART & OLSTEIN

6 Becker Farm Road, Roseland, NJ 07068 - (201) 994-1700

Docket No. 325800-282

Full name of additional joint inventor: Ilk 'sen

Inventor's signature: Harald Steen Olsen Date: 7/12/95

Residence: 781 Quince Orchard Boulevard #24, Gaithersburg, MD Citizenship: Denmark

Post Office Address: Same

Full name of additional joint inventor: Craig A. Rosen

Inventor's signature: [Signature] Date: 7/12/95

Residence: 22400 Rolling Hill Road, Laytonsville, MD 20882 Citizenship: USA

Post Office Address: Same

Full name of additional joint inventor: _____

Inventor's signature: _____ Date: _____

Residence: _____ Citizenship: _____

Post Office Address: Same

Full name of additional joint inventor: _____

Inventor's signature: _____ Date: _____

Residence: _____ Citizenship: _____

Post Office Address: Same

Full name of additional joint inventor: _____

Inventor's signature: _____ Date: _____

Residence: _____ Citizenship: _____

Post Office Address: Same

Full name of additional joint inventor: _____

Inventor's signature: _____ Date: _____

Residence: _____ Citizenship: _____

Post Office Address: Same

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6 Becker Farm Road - Roseland, NJ 07068 - (201) 994-1700

Docket No. 325800-282

VIA HAND DELIVERY FEBRUARY 23, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: KIRKNESS et al.

Application Serial No.: 09/333,033

Art Unit: 1646

Filed: June 15, 1999

Examiner: Kemmerer, E.

For: Human Haemopoietic
Maturation Factor

Attorney Docket No.: PF105P1D1

ASSOCIATE POWER OF ATTORNEY

Commissioner For Patents
Washington, D.C. 20231

Sir:

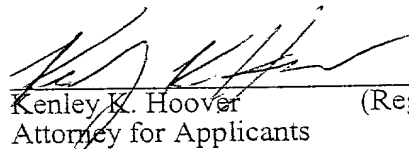
The undersigned attorney of record hereby appoints the following as associate attorney/agent:

Jonathan L. Klein (Reg. No. 41,119)
Mark J. Hyman (Reg. No. 46,789)
Human Genome Sciences, Inc.
9410 Key West Avenue
Rockville, Maryland 20850
301-309-8504

to prosecute the above-captioned application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Respectfully submitted,

Dated: February 23, 2001


Kenley K. Hoover (Registration No. 40,302)
Attorney for Applicants

Human Genome Sciences, Inc.
9410 Key West Avenue
Rockville, MD 20850
Telephone: (240) 314-1224

KKH/MJH

FO2001 22840001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Kirkness et al.

Application Number: to be assigned

Group Art Unit: to be assigned

Filed: herewith

Examiner: to be assigned

Title: Human Haemopoietic Maturation Factor

Attny. Docket No. PF105P1D1

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
REVOCATION OF PRIOR POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Human Genome Sciences, Inc., organized and existing under the laws of the State of Delaware, having its principal place of business at 9410 Key West Avenue, Rockville, Maryland 20850, is assignee of record of the entire right, title and interest for the above-identified application by virtue of assignments filed in parent application no. 08/442,497 in the U.S. Patent and Trademark Office on January 9, 1997, at Reel 8300, Frame 0154, and on January 13, 1997 at Reel 8336, Frame 0902.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, the assignee of the entire right, title, and interest in the above-captioned application, hereby revokes all powers of attorney heretofore given in the above-captioned application and appoints as its attorneys and/or agents James H. Davis, Registration No. 40,582; A. Anders Brookes, Registration No. 36,373; Kenley K. Hoover, Registration No. 40,302; Joseph J. Kenny, Registration No. 43,710; and Michele M. Wales, Registration No. 43,975, with full power of substitution, association, and revocation, to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith.

The undersigned also requests that the correspondence address be changed to the following:

James H. Davis, Esq.
Human Genome Sciences, Inc.
9410 Key West Avenue
Rockville, Maryland 20850
Phone: 301-309-8504
Fax: 301-309-8439

The undersigned, whose title is supplied below, is empowered to sign this document on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application captioned above or of any patent issuing thereon.

On behalf of Human Genome Sciences, Inc.

For: Human Genome Sciences, Inc
Signature: James H. Davis
By: James H. Davis, Ph.D.
Title: Senior Vice President and General Counsel
Date: June 15, 1999

KKH/ur